

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Please Cancel Claims 1-42.

New claims listed below:

43. (New) A method for operating an electronic mail server system having mailboxes associated with wireless client devices, the method comprising:
- receiving input to change a mailbox, the input comprising a request to change an organizational structure of the mailbox;
 - making a change to the mailbox in response to the input; and
 - pushing a message to a wireless client device associated with the mailbox, the message comprising information about the change to the mailbox, wherein the information is used by the wireless client device to synchronize a cached version of the mailbox stored locally in the wireless client device with the mailbox prior to notifying a user of the change to the mailbox.
44. (New) The method of claim 43, wherein the change in the organizational structure of the mailbox comprises storing new mail in the mailbox.
45. (New) The method of claim 44, wherein the information comprises parameters required by a message access protocol, to be used by the wireless client device to synchronize by retrieving the new mail from the server.

46. (New) The method of claim 43, wherein the change in the organizational structure of the mailbox comprises a change to a mail folder structure of the mailbox.

47. (New) The method of claim 46, wherein the change to the mail folder structure of the mailbox comprises at least one of adding, removing, and renaming a folder in the mailbox.

48. (New) The method of claim 46, wherein the information comprises parameters required by a message access protocol, to be used by the wireless client device to synchronize by retrieving the change to the mail folder from the server.

49. (New) The method of claim 43, further comprising checking whether the wireless client device is subscribed to receive the message; and sending the message only if the wireless client device is so subscribed.

50. (New) The method of claim 45, wherein the message access protocol comprises the Internet Message Access Protocol (IMAP).

51. (New) The method of claim 43, wherein the message is sent using a Short Message Service (SMS).

52. (New) A method for operating a wireless client device, the method comprising:

receiving a pushed message;

determining whether the message is a mail notification; and

if the message is a mail notification, then

decoding the message to obtain message access protocol

parameters;

connecting to a mail server and synchronizing a cached mailbox stored locally in the wireless client device with an associated mailbox stored in the mail server, wherein the synchronizing comprises using the message access protocol parameters to determine a change made to an organizational structure of the associated mailbox, wherein the connecting and synchronizing are performed prior to notifying a user of the change; and

notifying the user of the wireless client device of the change.

53. (New) The method of claim 52, wherein synchronizing further comprises retrieving new mail from the mail server, and updating the cached mailbox in response.

54. (New) The method of claim 52, wherein synchronizing further comprises retrieving a change to a mail folder structure of the associated mailbox from the mail server, and updating the cached mailbox in response to the change.

55. (New) The method of claim 52, wherein the message access protocol is the Internet Message Access Protocol (IMAP).

56. (New) The method of claim 52, wherein the message is a message sent via a Short Message Service (SMS).

57. (New) A method for operating a wireless client device, the method comprising:

receiving a pushed message;

determining whether the message is a mail notification; and

if the message is a mail notification, then

decoding the message to determine a change made to the organizational structure of a mailbox stored in a mail server; and

synchronizing a cached version of the mailbox stored locally in the wireless client device with the mailbox prior to notifying a user of the change, wherein synchronizing comprises updating the cached mailbox in response to decoding.

58. (New) The method claim 57, further comprising:

notifying the user of the wireless client device of the change to the mailbox.

59. (New) The method claim 57, wherein the change to the organizational structure comprises a change to a mail folder structure of the mailbox.
60. (New) The method of claim 59, wherein updating the cached mailbox comprises at least one of adding, removing, and renaming a folder in the cached mailbox.
61. (New) The method of claim 57, wherein the change to the organizational structure comprises storing a new mail in the mailbox.
62. (New) The method of claim 61, wherein updating the cached mailbox comprises storing the new mail in the cached mailbox.
63. (New) The method of claim 57, wherein the message is a message sent via a Short Message Service (SMS).

64. (New) An electronic mail server system having a mailbox associated with a wireless client device, the system comprising:

a receiving mechanism to receive input to change a mailbox, the input comprising a request to change an organizational structure of the mailbox; and

a transmitting mechanism to push a message to a wireless client device associated with the mailbox, the message comprising information about the change to the organizational structure of the mailbox, wherein the information is used by the wireless client device to synchronize a cached version of the mailbox stored locally in the wireless client device with the mailbox prior to notifying a user of the change to the organizational structure of the mailbox.

65. (New) The server system of claim 64, wherein the change in the organizational structure of the mailbox comprises storing new mail in the mailbox.

66. (New) The server system of claim 65, wherein the information comprises parameters required by a message access protocol, to be used by the wireless client device to synchronize by retrieving the new mail from the server.

67. (New) The server system of claim 64, wherein the change in the organizational structure of the mailbox comprises a change to a mail folder structure of the mailbox.

68. (New) The server system of claim 67, wherein the change to the mail folder structure of the mailbox comprises at least one of adding, removing, and renaming a folder in the mailbox.

69. (New) The server system of claim 67, wherein the information comprises parameters required by a message access protocol, to be used by the wireless client device to synchronize by retrieving the change to the mail folder from the server.

70. (New) The server system of claim 64, further comprising a checking mechanism to check if the wireless client device is subscribed to receive the message, the transmitting mechanism then operating to push the message only if the wireless client device is so subscribed.

71. (New) The server system of claim 66, wherein the message access protocol comprises the Internet Message Access Protocol (IMAP).

72. (New) The server system of claim 64, wherein the message is sent using a Short Message Service (SMS).

73. (New) A wireless client device comprising:

- a receiving mechanism to receive a pushed message;
- a processing mechanism to determine whether the message is a mail notification;
- a decoding mechanism to decode the message if the message is a mail notification thereby to obtain message access protocol parameters;
- a connection mechanism to connect to a mail server and synchronize a cached mailbox stored locally in the wireless client device with an associated mailbox stored in the mail server, wherein synchronizing comprises using the message access protocol parameters to determine a change made to an organizational structure of the associated mailbox, wherein the connecting and synchronizing are performed prior to notifying a user of the changes; and
- a notification mechanism to notify the user of the wireless client device of the changes.

74. (New) The wireless client device of claim 73, wherein synchronizing further comprises retrieving new mail from the mail server, and updating the cached mailbox in response.

75. (New) The wireless client device of claim 73, wherein synchronizing further comprises retrieving a change to a mail folder structure of the associated mailbox from the mail server, and updating the cached mailbox in response to the change.

76. (New) The wireless client device of claim 73, wherein the message access protocol is the Internet Message Access Protocol (IMAP).

77. (New) The wireless client device of claim 73, wherein the message is a message sent via a Short Message Service (SMS).

78. (New) A wireless client device comprising:

- a receiving mechanism to receive a pushed message;

- a processing mechanism to determine whether the message is a mail notification;

- a decoding mechanism to decode the message if the message is a mail notification thereby to obtain a change made to the organizational structure of a mailbox stored in a mail server; and

- a synchronization mechanism to synchronize a cached version of the mailbox stored locally in the wireless client device with the mailbox prior to notifying a user of the change, wherein synchronizing comprises updating the cached mailbox in response to decoding.

79. (New) The wireless client device of claim 78, further comprising:

- a notification mechanism to notifying the user of the wireless client device of the change to the mailbox.

80. (New) The wireless client device of claim 78, wherein the change to the organizational structure comprises a change to a mail folder structure of the mailbox.

81. (New) The wireless client device of claim 80, wherein updating the cached mailbox comprises at least one of adding, removing, and renaming a folder in the cached version of the mailbox.

82. (New) The wireless client device of claim 78, wherein the change to the organizational structure comprises storing a new mail in the mailbox.

83. (New) The wireless client device of claim 82, wherein updating the cached mailbox comprises storing a new mail in the cached mailbox.

84. (New) The client device of claim 78, wherein the message is a message sent via a Short Message Service (SMS).